

**Amendments to the Claims:**

Please note that all claims currently pending and under consideration in the referenced application are shown below. This listing of claims will replace all prior versions and listings of claims in the application.

Please cancel claims 66, 78 and 79 without prejudice or disclaimer.

Please amend claims 1, 17, 18, 20, 21, 23, 24, 27, 29, 32, 33, 36, 57, 58, 61, 63, 64, 54, 55, 68, 70, 80, 81, 86 and 89.

**Listing of Claims:**

1. (Currently Amended) A fire suppression apparatus comprising:  
a housing defining a first opening therein, a second opening therein and a flow path providing  
fluid communication between the first opening and the second opening; and  
a gas-generating device located and configured to provide a flow of a gas into the flow path such  
that the flow of the gas draws a volume of ambient air from a location outside the  
housing, through the first opening and into the flow path; and  
at least one oxygen-getting device disposed in the flow path, wherein the oxygen-getting device  
is configured to reduce a level of oxygen in the volume of ambient air as it flows  
therethrough.

2. (Original) The fire suppression apparatus of claim 1, wherein the gas-generating device further includes a nozzle through which the first gas flows into the flow path.

3. (Original) The fire suppression apparatus of claim 2, wherein the nozzle is configured to accelerate the flow of the first gas to a supersonic velocity.

4. (Original) The fire suppression apparatus of claim 2, wherein the nozzle is configured to accelerate the flow of the first gas to a substantially sonic velocity.

5. (Original) The fire suppression apparatus of claim 2, wherein the gas-generating device further includes a solid propellant composition configured to generate the first gas upon combustion thereof.

6. (Original) The fire suppression apparatus of claim 5, wherein the solid propellant composition is configured to generate the first gas as an inert gas.

7. (Original) The fire suppression apparatus of claim 5, wherein the solid propellant composition is configured to generate a volume of at least one of N<sub>2</sub>, H<sub>2</sub>O and CO<sub>2</sub> as the first gas.

8. (Original) The fire suppression apparatus of claim 5, further comprising an igniting device configured to ignite the solid propellant composition.

9. (Original) The fire suppression apparatus of claim 8, wherein the igniting device includes at least one of a squib, a semiconductor bridge and a conductive wire.

10. (Original) The fire suppression apparatus of claim 8, further comprising an igniting composition in contact with the igniting device.

11. (Original) The fire suppression apparatus of claim 10, wherein the igniting composition is configured to produce a volume of hot gas upon ignition thereof.

12. (Original) The fire suppression apparatus of claim 10, wherein the igniting composition is configured to produce a mass of heated slag upon ignition thereof.

13. (Original) The fire suppression apparatus of claim 10, wherein the gas-generating device further includes a filter disposed between the solid propellant composition and the nozzle.

14. (Original) The fire suppression apparatus of claim 13, wherein the filter comprises at least one of screen mesh and shot material.
15. (Original) The fire suppression apparatus of claim 2, further comprising a diffuser disposed within the flow path located and configured to alter a velocity of the first gas and to effect mixing of the first gas with the volume of ambient air drawn into the flow path and thereby form a gas mixture.
16. (Original) The fire suppression apparatus of claim 15, further comprising at least one conditioning apparatus disposed within the flow path.
17. (Currently Amended) The fire suppression apparatus of claim 16, wherein the at least one ~~conditioning apparatus~~ includes an oxygen-getting device is disposed between the first opening and the diffuser, wherein the oxygen-getting device is configured to reduce a level of oxygen in the volume of ambient air as it flows therethrough.
18. (Currently Amended) The fire suppression apparatus of ~~claim 17~~claim 1, wherein the at least one oxygen-getting device includes an oxygen reactive material.
19. (Original) The fire suppression apparatus of claim 18, wherein the oxygen reactive material includes at least one of iron, nickel, copper, zirconium and titanium.
20. (Currently Amended) The fire suppression apparatus of ~~claim 17~~claim 1, wherein the at least one oxygen-getting device is thermally coupled to the nozzle.
21. (Currently Amended) The fire suppression apparatus of ~~claim 17~~claim 1, further comprising a plurality of thermally conductive fins coupled with the gas-generating device.

22. (Original) The fire suppression apparatus of claim 21, wherein the plurality of thermally conductive fins is coupled with the nozzle of the gas-generating device.

23. (Currently Amended) The fire suppression apparatus of claim 22, wherein the plurality of thermally conductive fins is also coupled with the at least one oxygen-getting device.

24. (Currently Amended) The fire suppression apparatus of ~~claim 16~~claim 1, wherein the ~~at least one conditioning apparatus includes an~~ oxygen-getting device is disposed between the diffuser and the second opening.

25. (Original) The fire suppression apparatus of claim 16, wherein the at least one conditioning apparatus includes an NO<sub>X</sub> scavenger disposed between the diffuser and the second opening.

26. (Original) The fire suppression apparatus of claim 16, wherein the at least one conditioning apparatus includes a filter disposed between the diffuser and the second opening.

27. (Currently Amended) The fire suppression apparatus of claim 16, A fire suppression apparatus comprising:  
a housing defining a first opening therein, a second opening therein and a flow path providing  
fluid communication between the first opening and the second opening;  
a gas-generating device located and configured to provide a flow of a gas into the flow path such  
that the flow of the gas draws a volume of ambient air from a location outside the  
housing, through the first opening and into the flow path; and  
at least one conditioning apparatus disposed within the flow path wherein the at least one  
conditioning apparatus includes a heat transfer device disposed between the diffuser and  
the second opening.

28. (Original) The fire suppression apparatus of claim 16, wherein the at least one conditioning apparatus is configured to be removed from the housing and replaced with another conditioning apparatus.

29. (Currently Amended) The fire suppression apparatus of ~~claim 2~~claim 1, wherein the first opening includes a first plurality of openings and wherein the second opening includes a second plurality of openings.

30. (Original) The fire suppression apparatus of claim 29, wherein the housing is formed of a metallic material.

31. (Original) The fire suppression apparatus of claim 30, wherein the housing is formed of a material comprising steel.

32. (Currently Amended) The fire suppression apparatus of ~~claim 2~~claim 1, wherein the gas-generating device is configured to be removed from the housing and replaced with another gas-generating device.

33. (Currently Amended) The fire suppression apparatus of ~~claim 2~~claim 1, wherein the housing is substantially integral with a structure associated with an environment intended to be protected by the fire suppression apparatus.

34. (Original) The fire suppression apparatus of claim 33, wherein the structure includes a room of a building.

35. (Original) The fire suppression apparatus of claim 33, wherein the structure includes a cabin of a vehicle.

36. (Currently Amended) A fire suppression system comprising:

at least one fire suppression apparatus comprising:

    a housing defining a first opening therein, a second opening therein and a flow path  
        providing fluid communication between the first opening and the second opening;  
    a gas-generating device located and configured to provide a flow of a gas into the flow  
        path such that the flow of the gas draws a volume of ambient air from a location  
        outside the housing, through the first opening and into the flow path;  
    at least one oxygen-getting device disposed in the flow path, wherein the oxygen-getting  
        device is configured to reduce a level of oxygen in the volume of ambient air as it  
        flows therethrough; and

    a controller configured to generate a signal and transmit the signal to the at least one fire  
        suppression apparatus upon the occurrence of a specified event, wherein the gas-  
        generating device is configured to provide the flow of the first gas upon receipt of the  
        signal from the controller.

37. (Original) The fire suppression system of claim 36, further comprising at least  
one sensor configured to generate and transmit a sensor signal to the controller.

38. (Original) The fire suppression system of claim 37, wherein the at least one  
sensor further comprises at least one of a smoke detector and a temperature sensor.

39. (Original) The fire suppression system of claim 37, wherein the at least one  
sensor is configured to detect the presence of a specified gas.

40. (Original) The fire suppression system of claim 36, further comprising at least  
one actuator configured to generate and transmit an actuator signal to the controller.

41. (Original) The fire suppression system of claim 36, further comprising at least  
one alarm device located and configured to receive a signal generated by alarm and provide an  
alarm indicator.

42. (Original) The fire suppression system of claim 41, wherein the at least one alarm device is configured to provide at least one of a visual indicator and an auditory indicator as the alarm indicator.

43. (Original) The fire suppression system of claim 36, wherein the gas-generating device further includes a nozzle through which the first gas flows into the flow path.

44. (Original) The fire suppression system of claim 43, wherein the nozzle is configured to accelerate the flow of the first gas to a supersonic velocity.

45 (Original) The fire suppression system of claim 43, wherein the nozzle is configured to accelerate the flow of the first gas to a substantially sonic velocity.

46. (Original) The fire suppression system of claim 43, wherein the gas-generating device further includes a solid propellant composition configured to generate the first gas upon combustion thereof.

47. (Original) The fire suppression system of claim 46, further comprising an igniting device configured to ignite the solid propellant composition.

48. (Original) The fire suppression system of claim 47, further comprising an igniting composition in contact with the igniting device.

49. (Original) The fire suppression system of claim 48, wherein the igniting composition is configured to produce a volume of hot gas upon ignition thereof.

50. (Original) The fire suppression system of claim 48, wherein the igniting composition is configured to produce a mass of heated slag upon ignition thereof.

51. (Original) The fire suppression system of claim 48, wherein the gas-generating device further includes a filter disposed between the solid propellant composition and the nozzle.

52. (Original) The fire suppression system of claim 43, further comprising a diffuser disposed within the flow path located and configured to alter a velocity of the first gas and to effect mixing of the first gas with the volume of ambient air drawn into the flow path and thereby form a gas mixture.

53. (Original) The fire suppression system of claim 52, further comprising at least one conditioning apparatus disposed within the flow path.

54. (Currently Amended) The fire suppression system of ~~claim 53~~claim 36, wherein the at least one ~~conditioning apparatus includes an~~ oxygen-getting device is disposed between the first opening and the diffuser, ~~wherein the oxygen-getting device is configured to reduce a level of oxygen in the volume of ambient air as it flows therethrough.~~

55. (Currently Amended) The fire suppression system of ~~claim 54~~claim 36, wherein the oxygen-getting device includes an oxygen reactive material.

56. (Original) The fire suppression system of claim 55, wherein the oxygen reactive material includes at least one of iron, nickel, copper, zirconium and titanium.

57. (Currently Amended) The fire suppression system of ~~claim 54~~claim 36, wherein the at least one oxygen-getting device is thermally coupled to the nozzle.

58. (Currently Amended) The fire suppression system of ~~claim 53~~claim 36, wherein the at least one ~~conditioning apparatus includes an~~ oxygen-getting device is disposed between the diffuser and the second opening.

59. (Original) The fire suppression system of claim 53, wherein the at least one conditioning apparatus includes at least one of an NO<sub>x</sub> scavenger and a NH<sub>3</sub> scavenger disposed between the diffuser and the second opening.

60. (Original) The fire suppression system of claim 53, wherein the at least one conditioning apparatus includes a filter disposed between the diffuser and the second opening.

61. (Currently Amended) ~~The fire suppression system of claim 53, A fire suppression system comprising:~~

at least one fire suppression apparatus comprising:

a housing defining a first opening therein, a second opening therein and a flow path providing fluid communication between the first opening and the second opening;  
a gas-generating device located and configured to provide a flow of a gas into the flow path such that the flow of the gas draws a volume of ambient air from a location outside the housing, through the first opening and into the flow path;  
at least one conditioning apparatus disposed within the flow path wherein the at least one conditioning apparatus includes a heat transfer device disposed between the diffuser and the second opening; and

a controller configured to generate a signal and transmit the signal to the at least one fire suppression apparatus upon the occurrence of a specified event, wherein the gas-generating device is configured to provide the flow of the first gas upon receipt of the signal from the controller.

62. (Original) The fire suppression system of claim 53, wherein the at least one conditioning apparatus is configured to be removed from the housing and replaced with another conditioning apparatus.

63. (Currently Amended) The fire suppression system of ~~claim 43~~claim 36, wherein the first opening includes a first plurality of openings and wherein the second opening includes a second plurality of openings.

64. (Currently Amended) A fire suppression apparatus comprising:  
a housing defining a first opening therein, a second opening therein and a flow path providing fluid communication between the first opening and the second opening;  
a gas-generating device including a solid propellant composition disposed within a housing, wherein the solid propellant composition is configured to produce a gas upon combustion thereof;  
an igniting device configured to ignite the solid propellant composition;  
a nozzle coupled with the gas-generating device, wherein the nozzle is located and configured such that the gas flows through the nozzle into the flow path and also draws a volume of ambient air from a location outside the housing, through the first opening and into the flow path;  
a filter disposed between the solid propellant composition and the nozzle;  
a diffuser disposed within the flow path located and configured to alter a velocity of the first gas and to effect mixing of the first gas with the volume of ambient air drawn into the flow path and thereby form a gas mixture; and  
at least one conditioning apparatus disposed within the flow path including at least one oxygen-getting device configured to reduce a level of oxygen from the volume of ambient air.

65. (Original) The fire suppression apparatus of claim 64, wherein the first opening further comprises a first set of openings and wherein the second opening further comprises a second set of openings.

66. (Cancelled)

67. (Currently Amended) The fire suppression apparatus of ~~claim 66~~ claim 64, wherein the at least one oxygen-getting device is thermally coupled with the nozzle.

68. (Currently Amended) A method of suppressing fires, the method comprising: providing a housing with a first opening and a second opening; defining a flow path between the first opening and the second opening; producing a fire-suppressing gas; introducing the fire-suppressing gas into the flow path; aspirating a volume of ambient air from a location external of the housing through the first opening and into the flow path; mixing the volume of ambient air with the fire-suppressing gas to produce a gas mixture; and reducing a level of oxygen contained within the volume of ambient air including flowing the volume of ambient air over an oxygen reactive material; and discharging the gas mixture through the second opening.

69. (Original) The method according to claim 68, wherein producing a fire-suppressing gas includes producing an inert gas.

70. (Currently Amended) The method according to claim 68, wherein producing a fire-suppressing gas includes producing a gas comprising at least one of  $N_2$ ,  ~~$H_2O$~~ ,  $H_2O$  and  $CO_2$ .

71. (Original) The method according to claim 68, wherein producing a fire-suppressing gas includes combusting a solid propellant composition.

72. (Original) The method according to claim 71, wherein combusting a solid propellant composition further includes igniting a second solid composition.

73. (Original) The method according to claim 72, wherein igniting a second solid composition includes producing a heated gas from the second solid composition.

74. (Original) The method according to claim 72, wherein igniting a second solid composition includes producing a molten slag from the second solid composition.

75. (Original) The method according to claim 68, wherein introducing the fire-suppressing gas into the flow path further includes introducing the fire-suppressing gas into the flow path at a supersonic velocity.

76. (Original) The method according to claim 68, wherein introducing the fire-suppressing gas into the flow path further includes introducing the fire-suppressing gas into the flow path at a substantially sonic velocity.

77. (Original) The method according to claim 68, wherein discharging the gas mixture through the second opening includes discharging the gas mixture at a subsonic velocity.

78-79. (Cancelled)

80. (Currently Amended) The method according to ~~claim 79~~claim 68, wherein flowing the volume of ambient air over an oxygen reactive material further comprises flowing the volume of ambient air over a material comprising at least one of iron, copper, nickel, zirconium and titanium.

81. (Currently Amended) The method according to ~~claim 79~~claim 68, further comprising heating the oxygen reactive material.

82. (Original) The method according to claim 81, wherein heating the oxygen reactive material further comprises thermally coupling the oxygen reactive material with a nozzle associated with introducing the fire-suppressing gas into the flow path.

83. (Original) The method according to claim 68, further comprising reducing a velocity of the fire-suppressing gas after it is introduced into the flow path and prior to discharging the gas mixture through the second opening.

84. (Original) The method according to claim 83, wherein reducing a velocity of the fire-suppressing gas further includes flowing the fire-suppressing gas through a diffuser.

85. (Original) The method according to claim 68, further comprising flowing the gas mixture through a conditioning device.

86. (Currently Amended) ~~The method according to claim 85, A method of suppressing fires, the method comprising:~~  
~~providing a housing with a first opening and a second opening;~~  
~~defining a flow path between the first opening and the second opening;~~  
~~producing a fire-suppressing gas;~~  
~~introducing the fire-suppressing gas into the flow path;~~  
~~aspirating a volume of ambient air from a location external of the housing through the first opening and into the flow path;~~  
~~mixing the volume of ambient air with the fire-suppressing gas to produce a gas mixture;~~  
~~flowing the gas mixture through a conditioning device, wherein flowing the gas mixture through a conditioning device further comprises flowing the gas mixture through an oxygen-getting device; and~~  
~~discharging the gas mixture through the second opening.~~

87. (Original) The method according to claim 85, wherein flowing the gas mixture through a conditioning device further comprises flowing the gas mixture through at least one of an NO<sub>X</sub> and an NH<sub>3</sub> scavenger.

88. (Original) The method according to claim 85, wherein flowing the gas mixture through a conditioning device further comprises flowing the gas mixture through a filter.

89. (Currently Amended) ~~The method according to claim 85, A method of suppressing fires, the method comprising:~~  
~~providing a housing with a first opening and a second opening;~~  
~~defining a flow path between the first opening and the second opening;~~  
~~producing a fire-suppressing gas;~~  
~~introducing the fire-suppressing gas into the flow path;~~  
~~aspirating a volume of ambient air from a location external of the housing through the first opening and into the flow path;~~  
~~mixing the volume of ambient air with the fire-suppressing gas to produce a gas mixture;~~  
~~flowing the gas mixture through a conditioning device, wherein flowing the gas mixture through a conditioning device further comprises flowing the gas mixture through a heat transfer device; and~~  
~~discharging the gas mixture through the second opening.~~

90. (Original) The method according to claim 68, wherein providing a housing with a first opening and a second opening further comprises providing a housing with a first set of openings and a second set of openings.